

Untitled

Title: US-10-578-672A-1
 Perfect score: 191
 Sequence: 1 gggtgtggaggtgttcaaagg.....gacactaaattgtggataat 191

RESULT 5

AAS69177

ID AAS69177 standard; cDNA; 1431 BP.

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AC AAS69177;

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DT 13-FEB-2002 (first entry)

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DE DNA encoding novel human diagnostic protein #4981.

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KW Human; chromosome mapping; gene mapping; gene therapy; forensic;
 KW food supplement; medical imaging; diagnostic; genetic disorder; ss.

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OS Homo sapiens.

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PN WC200175067-A2.

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PD 11-OCT-2001.

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PF 30-MAR-2001; 2001WO-US008631.

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PR 31-MAR-2000; 2000US-00540217.

PR

23-AUG-2000; 2000US-00649167.

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PA (HYSE-) HYSEQ INC.

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PI Drmanac RT, Liu C, Tang YT;

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DR VPI: 2001-639362/73.

DR

P-PSDB; ABG04990.

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PT New isolated polynucleotide and encoded polypeptides, useful in
 PT diagnostics, forensics, gene mapping, identification of mutations
 PT responsible for genetic disorders or other traits and to assess
 PT biodiversity.

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PS Claim 1; SEQ ID NO 4981; 103pp; English.

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CC The invention relates to isolated polynucleotide (I) and polypeptide (II)
 CC sequences. (I) is useful as hybridisation probes, polymerase chain
 CC reaction (PCR) primers, oligomers, and for chromosome and gene mapping,
 CC and in recombinant production of (II). The polynucleotides are also used
 CC in diagnostics as expressed sequence tags for identifying expressed
 CC genes. (I) is useful in gene therapy techniques to restore normal
 CC activity of (II) or to treat disease states involving (II). (II) is
 CC useful for generating antibodies against it, detecting or quantitating a
 CC polypeptide in tissue, as molecular weight markers and as a food
 CC supplement. (II) and its binding partners are useful in medical imaging
 CC of sites expressing (II). (I) and (II) are useful for treating disorders
 CC involving aberrant protein expression or biological activity. The
 CC polypeptide and polynucleotide sequences have applications in
 CC diagnostics, forensics, gene mapping, identification of mutations
 CC responsible for genetic disorders or other traits to assess biodiversity
 CC and to produce other types of data and products dependent on DNA and
 CC amino acid sequences. AAS64197-AAS94564 represent novel human diagnostic
 CC coding sequences of the invention. Note: The sequence data for this
 CC patent did not appear in the printed specification, but was obtained in
 CC electronic format directly from WPO at
 CC ftp.wpo.int/pub/published_pct_sequences

Untitled

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Sequence 1431 BP; 391 A; 346 C; 383 G; 311 T; 0 U; 0 Other;

Query Match 83.0% Score 158.6; DB 5; Length 1431;
 Best Local Similarity 89.9% Pred. No. 2.4e-36;
 Matches 170; Conservative 0; Mismatches 19; Indels 0; Gaps 0;

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Qy      3 TGTGGAGGTGTTCAAAGGCATTGACAATCGGACTCAGAAAGTAGTGCCATAAAATCAT 62
Db      183 TGGAGAGGTGTTCAAAGGCATTGACAATCGGACTCAGAAAGTGGTGGCATAAAGATCAT 242
Qy      63 TGAACCTGGAGGAGGCAGAAATGAGATCGAGGACATTGACGAGGAAATCACAGTGCTGAG 122
Db      243 TGATCTGGAAAGAGCTGAAGATGAGATAGAGGACATTCAACAAGAAATCACAGTGCTGAG 302
Qy      123 TCAGTGTGACAGTCCCTACGTAACCAAAATATTACGGATCCTACCTGAAGGACACTAAATT 182
Db      303 TCAGTGTGACAGTCCATATGTAACCAAAATATTATGGATCCTATCTGAAGGATACAAAATT 362
Qy      183 GTGGATAAT 191
Db      363 ATGGATAAT 371
    
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Title: US-10-578-672A-1
 Perfect score: 191
 Sequence: 1 ggtgtggaggtgttcaaagg.....gacactaaattgtggataat 191

RESULT 37

ACH8568

ID ACH8568 standard; cDNA; 472 BP.

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(DRMAV) DRMANAC R T.

(LABA/) LABAT I.

(STAC/) STACHE-CRAIN B.

(DICK/) DICKSON M C.

(JONE/) JONES L W

Drmanac RT, Labat I, Stache-Crain B, Dickson MC, Jones LW

Untitled

DR VPI; 2003-615964/ 58.

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Claim 1; SEQ ID NO 25780; 44pp; English.

The invention relates to an isolated polynucleotide comprising any one of 38043 cDNA sequences, appearing as ACH12789-ACH50831, whose sequence was determined by the technique of SBH (sequencing by hybridisation). Also included is a purified polypeptide comprising a sequence corresponding to a reading frame of the novel polynucleotide. The nucleic acid sequences are useful in diagnostics as expressed sequence tags (EST) for identifying expressed genes or for physical mapping of the human genome, in forensics, in assessing biodiversities, or in identifying mutations responsible for genetic disorders and other traits. The nucleotide sequences are also useful as hybridisation probes, as oligomers for PCR, for chromosome and gene mapping, in the recombinant production of protein, or in generating antisense DNA or RNA. The purified polypeptide is useful for generating antibodies specific for it. The present sequence is one of the 38043 isolated cDNA/EST sequences. Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from USPTO at seqdata.uspto.gov/sequence.html?DocID=20030073623

Sequence 472 BP; 149 A; 91 C; 119 G; 110 T; 0 U; 3 Other;

Query Match 16.8% Score 32; DB 10; Length 472;

Best Local Similarity 100.0% Pred. No. 6.6e-06;

Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy

106 GAAATCACAGTGCTGAGTCAGTGTGACAGTCC 137

Db

178 GAAATCACAGTGCTGAGTCAGTGTGACAGTCC 209